

RAW SEQUENCE LISTING

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Application Serial Number: 10/511,990
Source: PCT
Date Processed by STIC: 02/02/2006

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PCT

RAW SEQUENCE LISTING

DATE: 02/02/2006

PATENT APPLICATION: US/10/511,990

TIME: 12:32:10

Input Set : A:\73236_SeqList.txt

Output Set: N:\CRF4\02022006\J511990.raw

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3 <110> APPLICANT: Abraham Loyter
4      Adolf Graessman
5      Ahuva Nissim
6      Alexander Krichevsky
7      Nechama Zakai
9 <120> TITLE OF INVENTION: ANTI-NLS SCFV AND PEPTIDES AND USES THEREOF IN NUCLEAR
IMPORT INHIBITION
11 <130> FILE REFERENCE: 73236/JPW/JW
13 <140> CURRENT APPLICATION NUMBER: US 10/511,990
14 <141> CURRENT FILING DATE: 2004-10-21
16 <150> PRIOR APPLICATION NUMBER: PCT/IL2003/000328
17 <151> PRIOR FILING DATE: 2003-04-21
19 <150> PRIOR APPLICATION NUMBER: IL 149279
20 <151> PRIOR FILING DATE: 2002-04-22
22 <160> NUMBER OF SEQ ID NOS: 16
24 <170> SOFTWARE: PatentIn version 3.3
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 12
28 <212> TYPE: DNA
29 <213> ORGANISM: Artificial Sequence
31 <220> FEATURE:
32 <223> OTHER INFORMATION: Random insert of CDR3 region from peptide library - Ab1 DNA
34 <400> SEQUENCE: 1
35 attagtagtg at                                     12
38 <210> SEQ ID NO: 2
39 <211> LENGTH: 4
40 <212> TYPE: PRT
41 <213> ORGANISM: Artificial Sequence
43 <220> FEATURE:
44 <223> OTHER INFORMATION: CDR3 random insert of Ab1
46 <400> SEQUENCE: 2
48 Ile Ser Ser Asp
49 1
52 <210> SEQ ID NO: 3
53 <211> LENGTH: 33
54 <212> TYPE: DNA
55 <213> ORGANISM: Artificial Sequence
57 <220> FEATURE:
58 <223> OTHER INFORMATION: CDR3 random insert of Ab2 DNA
60 <400> SEQUENCE: 3
61 gcttttatga agagtggtaa gcgttttatt cat             33
64 <210> SEQ ID NO: 4
65 <211> LENGTH: 11
66 <212> TYPE: PRT

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67 <213> ORGANISM: Artificial Sequence
69 <220> FEATURE:
70 <223> OTHER INFORMATION: CDR3 random insert sequence of Ab2
72 <400> SEQUENCE: 4
74 Ala Phe Met Lys Ser Gly Lys Arg Phe Ile His
75 1          5          10
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79 <211> LENGTH: 33
80 <212> TYPE: DNA
81 <213> ORGANISM: Artificial Sequence
83 <220> FEATURE:
84 <223> OTHER INFORMATION: CDR3 random insert sequence of Ab3 DNA
86 <400> SEQUENCE: 5
87 cattttcatt ataagggtaa gcttcagacg ttt
90 <210> SEQ ID NO: 6
91 <211> LENGTH: 11
92 <212> TYPE: PRT
93 <213> ORGANISM: Artificial Sequence
95 <220> FEATURE:
96 <223> OTHER INFORMATION: CDR3 random insert of Ab3
98 <400> SEQUENCE: 6
100 His Phe His Tyr Lys Gly Lys Leu Gln Thr Phe
101 1          5          10
104 <210> SEQ ID NO: 7
105 <211> LENGTH: 8
106 <212> TYPE: PRT
107 <213> ORGANISM: Artificial Sequence
109 <220> FEATURE:
110 <223> OTHER INFORMATION: SV40-NLS with extra C
112 <400> SEQUENCE: 7
114 Pro Lys Lys Lys Arg Lys Val Cys
115 1          5
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119 <211> LENGTH: 9
120 <212> TYPE: PRT
121 <213> ORGANISM: Artificial Sequence
123 <220> FEATURE:
124 <223> OTHER INFORMATION: SV40-NLS-reverse with extra C
126 <400> SEQUENCE: 8
128 Cys Val Lys Arg Lys Lys Lys Pro Gly
129 1          5
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133 <211> LENGTH: 20
134 <212> TYPE: PRT
135 <213> ORGANISM: Artificial Sequence
137 <220> FEATURE:
138 <223> OTHER INFORMATION: VprN with extra C
140 <400> SEQUENCE: 9
142 Cys Asn Glu Trp Thr Leu Glu Leu Leu Glu Glu Leu Lys Asn Glu Ala

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143 1          5          10          15
146 Val Arg His Phe
147          20
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153 <213> ORGANISM: Artificial Sequence
155 <220> FEATURE:
156 <223> OTHER INFORMATION: VprC with extra C
158 <400> SEQUENCE: 10
160 Cys Arg His Ser Arg Ile Gly Val Thr Arg Gln Arg Arg Ala Arg Asn
161 1          5          10          15
164 Gly Ala Ser Arg Ser
165          20
168 <210> SEQ ID NO: 11
169 <211> LENGTH: 20
170 <212> TYPE: PRT
171 <213> ORGANISM: Artificial Sequence
173 <220> FEATURE:
174 <223> OTHER INFORMATION: VprN mutant with extra C
176 <400> SEQUENCE: 11
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179 1          5          10          15
182 Val Arg His Phe
183          20
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187 <211> LENGTH: 15
188 <212> TYPE: PRT
189 <213> ORGANISM: Artificial Sequence
191 <220> FEATURE:
192 <223> OTHER INFORMATION: ARM with extra C
194 <400> SEQUENCE: 12
196 Cys Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Ala His Gln Asn
197 1          5          10          15
200 <210> SEQ ID NO: 13
201 <211> LENGTH: 6
202 <212> TYPE: PRT
203 <213> ORGANISM: Artificial Sequence
205 <220> FEATURE:
206 <223> OTHER INFORMATION: Tat short NLS
208 <400> SEQUENCE: 13
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211 1          5
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215 <211> LENGTH: 17
216 <212> TYPE: DNA
217 <213> ORGANISM: Artificial Sequence
219 <220> FEATURE:
220 <223> OTHER INFORMATION: primer LMB3

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226 <210> SEQ ID NO: 15
227 <211> LENGTH: 17
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229 <213> ORGANISM: Artificial Sequence
231 <220> FEATURE:
232 <223> OTHER INFORMATION: PCR primer fdSEQ
234 <400> SEQUENCE: 15
235 gaattttctg tatgagg 17
238 <210> SEQ ID NO: 16
239 <211> LENGTH: 20
240 <212> TYPE: PRT
241 <213> ORGANISM: bacteriophage fd
243 <400> SEQUENCE: 16
245 Ala Glu Gly Asp Asp Pro Ala Lys Ala Ala Phe Asp Ser Leu Gln Ala
246 1 5 10 15
249 Ser Ala Thr Glu
250 20

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/511,990

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Input Set : A:\73236_SeqList.txt

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